

| Energy Transition

eLNG

Decarbonizing oil & gas production with electrification of eLNG

Reduced CO₂ footprint, savings of ~500k tonnes/year based on ~4.5 MTPA



Electrification of O&G operations would meet 35% of O&G operators net zero goal.



Low cost option from existing power source



Higher availability



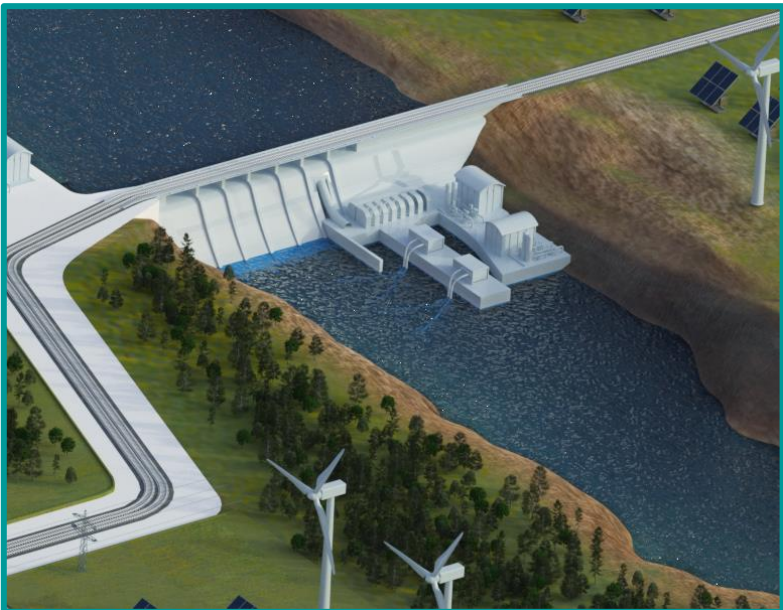
Reduced CO₂ emissions – improved efficiency connection to renewable sources



Decarbonizing oil & gas production with electrification of eLNG

Benefits to customer

- Instant start and re-start against settle out pressure
- Remote operation
- Longer runtime without maintenance shutdown
- Lower OPEX and faster payback
- No production variation from ambient temperature



Siemens – a trusted partner

- Siemens is the global leader in eLNG
- In 2007 Siemens supplied first eLNG drivers
- Siemens is the global leader of high power >80MW, high speed >3600rpm electric motors
- Siemens has global service

Siemens, the proven supplier in eLNG

- Proven eLNG experience >15 years with 65MW refrigeration compressor
- >2GW of starter helper drive systems
- Full engineering and study capability
- Full load test 80MW refrigeration compressor
- Optimized solution for your specific requirements

**Increased
production with
reduced CO₂**



eLNG – Increased production with reduced CO2

Instant start and re-start against settle out pressure



Remote operation



Longer runtime without maintenance shutdown



Lower OPEX and faster payback



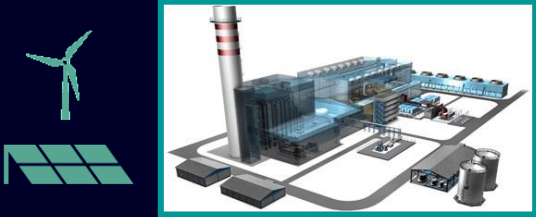
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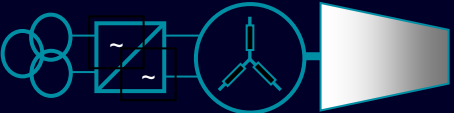
Power Source



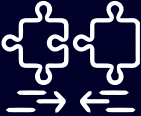




Distribution



Compressor Train



Siemens your trusted partner

- Global Leader**
Siemens is the global leader in eLNG 
- 1st eLNG driver**
In 2007 Siemens supplied first eLNG drivers 
- High power motors**
Siemens is the global leader of high power >80MW, high speed >3600rpm electric motors 
- LNG Expertise**
Siemens has a wealth of experience and technical capability in LNG processes 
- Global Service**
Siemens has global service 



Disclaimer

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